

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Please add new claims 53-57.

Please cancel claims 2, 16-23, and 49-52 without prejudice.

Please amend claims 1, 3-5, 9-13, 46, and 47 as indicated below. Material to be inserted is in **bold and underline**, and material to be deleted is in ~~strikeout~~ or (if the deletion is of five or fewer consecutive characters or would be difficult to see) in double brackets [[]].

Listing of Claims:

1. (Currently Amended) A method of dispensing one or more medicaments, comprising:

providing a treatment plan having at least two rates of action for one or more medicaments;

selecting a different droplet size characteristic corresponding to each of the at least two rates of action; and

ejecting medicament droplets having each different droplet size characteristic into a respiratory system of a subject according to the treatment plan, thereby allowing the one or more medicaments to act at two or more rates.

2. (Canceled)

3. (Currently Amended) The method of claim 1 [[2]], wherein selecting the different droplet size includes selecting a droplet size according to a predicted change in the droplet size produced during flight of the medicament droplets after ejection.

4. (Currently Amended) The method of claim 1, wherein ejecting medicament droplets includes ejecting medicament droplets having each different droplet size characteristic from a distinct set of orifices of the same medicament ejection apparatus.

5. (Currently Amended) The method of claim 1, wherein selecting the different droplet size characteristic includes selecting a different medicament composition for each rate of action, and wherein ejecting medicament droplets includes ejecting medicament droplets having each different medicament composition.

6. (Previously Presented) The method of claim 5, wherein selecting the different medicament composition includes selecting a different concentration of an excipient for each different medicament composition.

7. (Previously Presented) The method of claim 5, wherein selecting the different medicament composition includes selecting the same bioactive agent for each different medicament composition.

8. (Canceled)

9. (Currently Amended) The method of claim 1 [[2]], wherein selecting the different droplet size includes selecting a size of medicament droplet according to a deposition site for the size of medicament droplet in the respiratory system, the

deposition site defining an absorption rate that corresponds to one of the at least two rates of action.

10. (Currently Amended) The method of claim 1 [[2]], wherein ejecting medicament droplets includes forming medicament droplets of each droplet size adjacent orifices of a corresponding size.

11. (Currently Amended) The method of claim 1 [[2]], wherein ejecting medicament droplets includes ejecting medicament droplets of different sizes at nonoverlapping times.

12. (Currently Amended) The method of claim 1 [[2]], wherein ejecting medicament droplets includes ejecting medicament droplets of each different droplet size within the same dose.

13. (Currently Amended) The method of claim 1 [[2]], which further comprises selecting a composition for each different droplet size.

14. (Previously Presented) The method of claim 13, wherein the composition is selected from compositions having different amounts of the same bioactive agent.

15. (Previously Presented) The method of claim 1, wherein providing the treatment plan includes providing a treatment plan to treat addiction to nicotine, and wherein at least one of the medicaments includes nicotine or a nicotine analog.

16-45. (Canceled)

46. (Currently Amended) The method of claim 1, wherein ejecting medicament droplets includes ejecting the same medicament composition for [[with]] each different droplet size characteristic.

47. (Currently Amended) The method of claim 1 [[2]], wherein ejecting medicament droplets includes ejecting medicament droplets ~~of different droplet sizes~~ targeted for deposition on respective upper and lower mucosal regions of the respiratory system.

48. (Previously Presented) The method of claim 46, wherein ejecting medicament droplets includes ejecting medicament droplets of different droplet sizes targeted for deposition on an oral or nasal mucosal region and a pulmonary mucosal region.

49-52. (Canceled)

53. (New) The method of claim 1, wherein selecting the different droplet size includes selecting a medicament composition with the same drug for each different droplet size.

54. (New) The method of claim 1, wherein ejecting medicament droplets includes ejecting medicament droplets having a drug and a flavoring agent and sized for deposition on an oral mucosal region and further includes ejecting medicament droplets having the drug and sized for deposition on a pulmonary mucosal region.

55. (New) The method of claim 1, wherein ejecting medicament droplets includes ejecting medicament droplets having a drug and sized for deposition on an oral mucosal region, further comprising ejecting placebo droplets without the drug and sized for deposition on an oral mucosal region.

56. (New) The method of claim 55, wherein the treatment plan restricts when the drug can be ejected, and wherein ejecting placebo droplets without the drug to an oral mucosal region is performed instead of ejecting medicament droplets having the drug to an oral mucosal region if ejecting the drug is restricted currently by the treatment plan.

57. (New) The method of claim 55, wherein ejecting medicament droplets having a drug to an oral mucosal region includes ejecting medicament droplets having a flavoring agent, and wherein ejecting placebo droplets to an oral mucosal region includes ejecting placebo droplets having the flavoring agent.